NOV 1 9 2003

## IN THE UNITED STATES PARENT AND TRADEMARK OFFICE

In re Patent Application of	) MAIL STOP AFTER FINAL			
Hiroshi SANO et al.	) Group Art Unit: 1638			
Application No.: 09/971,020 Filed: October 5, 2001	) Examiner: Ashwin D. Mehta ) Confirmation No.: 3752	RECEIVED		
For: THEOBROMINE SYNTHASE POLYPEPTIDE OF COFFEE PLANT AND THE GENE ENCODING SAID POLYPEPTIDE  AMENDMENT AND REPLY AFTER FINAL	<i>)</i>	NOV 2 5 2003 ECH CENTER 1600/2900		
Commissioner for Patents		RTC		
P.O. Box 1450 Alexandria, VA 22313-1450	DISK TO'S'	ric S		
Sir:	DATE:			
Enclosed is an Amendment and Reply After Fina application.	VAN	atent		
[X] A Petition for Extension of Time is also en				
[ ] A Terminal Disclaimer and the [ ] \$55.00 ( C.F.R. § 1.20(d) are also enclosed.	(2814) [ ] \$110.00 (1814) fee due unde	r 37		
[X] Also enclosed is/are Substitute Sequence I Paper Copy; Chloe Zubieta et al., "Structhe Salicylic Acid Carboxyl Methyltran 1704-1716 (August 2003); Shinjiro Ogiplants, "423 NATURE 823 (June 19, 20) Figures 2A-2D and 3	ctural Basis for Substrate Recogni asferase Family," 15 THE PLANT ( ita et al. "Producing decaffeinate	tion in CELL		
[ ] Small entity status is hereby claimed.				
[ ] Applicant(s) requests continued examination [ ] \$385.00 (2801) [ ] \$770.00 (1801) fee d	n under 37 C.F.R. § 1.114 and enclosure under 37 C.F.R. § 1.17(e).	se the		
[ ] Applicant(s) requests that any previous entered. Continued examination is requested identified above.	sly unentered after final amendments juested based on the enclosed docume	not be ents		
[ ] Applicant(s) previously submitted, requested.	on, for which continued examinat	tion is		

[	]	Applicant(s) requests suspension of action by the Office until at least, which
		does not exceed three months from the filing of this RCE, in accordance with
		37 C.F.R. § 1.103(c). The required fee under 37 C.F.R. § 1.17(i) is enclosed.

[ ] A Request for Entry and Consideration of Submission under 37 C.F.R. § 1.129(a) (1809/2809) is also enclosed.

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[ ] No additional claim fee is required.

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[X] An additional claim fee is required, and is calculated as shown below:

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No. OF CLAIMS	OF CLAIMS PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	ADD'L FEE
37	MINUS 34 =	3	× \$18.00 (1202) =	54.00
4	MINUS 4 =	0	× \$86.00 (1201) =	0.00
ple depende	ent claims, add \$290	0.00 (1203)		
Fee				4
aimed, subt	ract 50% of Total C	laim Amendn	ient Fee	
	37 4 ple depende	PAID FOR  37 MINUS 34 =  4 MINUS 4 =  ple dependent claims, add \$290  Fee  mimed, subtract 50% of Total C	PAID FOR  37 MINUS 34 = 3  4 MINUS 4 = 0  ple dependent claims, add \$290.00 (1203)  Fee	PAID FOR

[X]	A check in the	amount of \$	54.00	is enclosed f	or the fee	due.
[]	Charge \$	to De	posit Account N	lo. 02-4800.	00 *	

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17, 1.20(d) and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: November 19, 2003

By: Epin M. Dunston

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